

**Table 34 (page 1 of 3). Age-adjusted death rates, according to race, sex, region, and urbanization level: United States, average annual 1984–86, 1989–91, and 1997–99**

[Data are based on the National Vital Statistics System]

Sex, region, and urbanization level <sup>1</sup>	All races			White			Black		
	1984–86	1989–91	1997–99	1984–86	1989–91	1997–99	1984–86	1989–91	1997–99
Deaths per 100,000 standard population <sup>2</sup>									
Both sexes									
All regions:									
Metropolitan counties:									
Large central . . . . .	1,013.9	977.1	870.3	975.1	929.4	831.5	1,277.5	1,292.7	1,157.9
Large fringe . . . . .	953.9	894.8	831.0	946.1	884.3	823.9	1,170.3	1,144.0	1,049.7
Small . . . . .	970.1	926.2	882.9	948.7	900.8	863.5	1,255.5	1,250.9	1,146.0
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	979.5	946.9	923.5	961.5	926.5	907.2	1,262.9	1,262.5	1,177.7
Without a city of 10,000 or more . .	987.5	960.8	935.2	966.7	936.8	916.9	1,232.7	1,249.3	1,140.8
Northeast:									
Metropolitan counties:									
Large central . . . . .	1,056.2	1,020.6	881.3	1,014.1	967.8	854.2	1,256.0	1,260.1	1,030.2
Large fringe . . . . .	967.1	896.9	817.3	961.5	889.7	817.4	1,146.9	1,093.4	927.9
Small . . . . .	973.5	907.7	855.5	965.3	896.9	848.5	1,220.9	1,186.9	1,040.6
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	1,003.6	932.3	895.1	1,003.7	932.4	897.5	1,192.9	1,064.3	885.8
Without a city of 10,000 or more . .	996.1	939.7	886.7	995.8	939.3	886.8	1,250.2	1,135.9	1,076.2
Midwest:									
Metropolitan counties:									
Large central . . . . .	1,055.6	1,018.7	942.1	997.6	943.3	871.3	1,296.5	1,311.9	1,211.2
Large fringe . . . . .	970.2	908.4	858.0	961.0	896.6	845.8	1,243.0	1,209.9	1,200.3
Small . . . . .	960.7	912.3	876.9	947.7	895.4	861.0	1,230.9	1,227.7	1,163.3
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	935.9	902.7	879.5	932.7	898.3	876.5	1,208.7	1,196.0	1,064.6
Without a city of 10,000 or more . .	922.0	894.1	865.8	917.8	888.0	860.1	1,193.5	1,247.9	1,062.7
South:									
Metropolitan counties:									
Large central . . . . .	1,021.1	999.1	915.9	945.6	908.3	824.7	1,318.4	1,343.8	1,299.8
Large fringe . . . . .	944.0	899.6	850.5	927.6	879.2	833.9	1,163.7	1,154.2	1,075.2
Small . . . . .	986.8	951.7	912.2	945.5	905.3	875.6	1,268.2	1,267.4	1,167.5
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	1,028.6	1,009.6	998.3	989.0	966.7	964.4	1,274.7	1,277.3	1,205.3
Without a city of 10,000 or more . .	1,039.8	1,020.8	1,001.8	1,009.1	984.9	980.1	1,235.1	1,252.4	1,147.1
West:									
Metropolitan counties:									
Large central . . . . .	942.7	904.2	792.4	944.9	905.7	799.0	1,198.3	1,219.4	1,050.5
Large fringe . . . . .	896.7	851.5	775.3	901.1	853.3	779.8	1,130.9	1,144.6	1,037.2
Small . . . . .	921.6	891.2	837.3	928.2	897.8	850.2	1,180.0	1,169.6	956.6
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	929.1	899.0	861.3	929.7	897.6	864.1	1,117.8	1,177.7	#
Without a city of 10,000 or more . .	936.6	901.0	870.8	927.4	892.8	858.9	933.5	1,078.6	#

See footnotes at end of table.

**Table 34 (page 2 of 3). Age-adjusted death rates, according to race, sex, region, and urbanization level: United States, average annual 1984–86, 1989–91, and 1997–99**

[Data are based on the National Vital Statistics System]

Sex, region, and urbanization level <sup>1</sup>	All races			White			Black		
	1984–86	1989–91	1997–99	1984–86	1989–91	1997–99	1984–86	1989–91	1997–99
Male									
Deaths per 100,000 standard population <sup>2</sup>									
All regions:									
Metropolitan counties:									
Large central . . . . .	1,309.4	1,255.2	1,062.2	1,261.1	1,192.6	1,015.2	1,675.8	1,714.5	1,434.4
Large fringe . . . . .	1,218.9	1,129.0	992.4	1,210.7	1,116.3	984.7	1,490.6	1,458.2	1,264.8
Small . . . . .	1,258.4	1,184.6	1,076.4	1,235.0	1,152.6	1,052.2	1,615.7	1,634.9	1,436.1
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	1,274.4	1,219.7	1,127.5	1,255.7	1,195.6	1,106.7	1,624.1	1,644.9	1,487.3
Without a city of 10,000 or more . .	1,285.1	1,241.7	1,143.1	1,261.6	1,211.9	1,119.2	1,598.2	1,640.8	1,441.6
Northeast:									
Metropolitan counties:									
Large central . . . . .	1,375.0	1,326.8	1,083.6	1,319.6	1,255.1	1,053.7	1,668.8	1,698.6	1,278.1
Large fringe . . . . .	1,237.1	1,134.2	983.3	1,230.6	1,125.5	984.5	1,479.2	1,405.1	1,120.2
Small . . . . .	1,269.7	1,169.2	1,048.5	1,259.8	1,154.8	1,040.7	1,584.1	1,575.1	1,272.5
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	1,297.3	1,202.5	1,089.9	1,299.0	1,203.3	1,094.0	1,409.3	1,331.9	1,020.2
Without a city of 10,000 or more . .	1,284.0	1,200.6	1,068.7	1,284.6	1,201.0	1,070.4	1,516.9	1,392.4	1,156.1
Midwest:									
Metropolitan counties:									
Large central . . . . .	1,379.4	1,322.4	1,169.7	1,309.7	1,225.0	1,086.8	1,690.4	1,730.8	1,510.6
Large fringe . . . . .	1,250.3	1,151.3	1,031.4	1,241.0	1,137.8	1,018.1	1,560.7	1,523.6	1,429.8
Small . . . . .	1,257.1	1,173.7	1,080.5	1,242.6	1,152.8	1,062.3	1,574.6	1,583.3	1,427.0
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	1,224.9	1,171.0	1,081.5	1,222.0	1,166.6	1,079.0	1,508.6	1,485.7	1,270.8
Without a city of 10,000 or more . .	1,201.6	1,156.2	1,060.7	1,197.2	1,149.5	1,054.0	1,381.0	1,444.1	1,265.0
South:									
Metropolitan counties:									
Large central . . . . .	1,322.2	1,300.0	1,127.4	1,223.7	1,179.1	1,015.1	1,734.3	1,796.7	1,640.0
Large fringe . . . . .	1,209.2	1,140.4	1,016.2	1,190.3	1,114.4	996.3	1,488.7	1,485.8	1,308.9
Small . . . . .	1,280.9	1,222.1	1,117.6	1,232.3	1,160.9	1,069.1	1,640.0	1,668.5	1,484.4
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	1,353.0	1,318.6	1,239.1	1,311.2	1,265.8	1,192.9	1,653.8	1,684.2	1,547.0
Without a city of 10,000 or more . .	1,364.1	1,332.3	1,235.5	1,330.6	1,286.9	1,205.2	1,610.2	1,656.6	1,459.2
West:									
Metropolitan counties:									
Large central . . . . .	1,199.8	1,134.8	950.3	1,205.6	1,138.3	955.6	1,544.1	1,554.7	1,236.5
Large fringe . . . . .	1,123.6	1,050.9	899.3	1,132.1	1,055.9	904.8	1,364.3	1,330.9	1,161.6
Small . . . . .	1,173.2	1,111.1	992.4	1,187.4	1,123.2	1,007.7	1,431.7	1,422.7	1,088.0
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	1,172.6	1,109.7	1,011.0	1,176.1	1,110.6	1,012.8	1,361.7	1,387.8	#
Without a city of 10,000 or more . .	1,172.4	1,118.1	1,028.5	1,162.0	1,108.5	1,011.6	1,087.2	1,199.9	#

See footnotes at end of table.

**Table 34 (page 3 of 3). Age-adjusted death rates, according to race, sex, region, and urbanization level: United States, average annual 1984–86, 1989–91, and 1997–99**

[Data are based on the National Vital Statistics System]

Sex, region, and urbanization level <sup>1</sup>	All races			White			Black		
	1984–86	1989–91	1997–99	1984–86	1989–91	1997–99	1984–86	1989–91	1997–99
Deaths per 100,000 standard population <sup>2</sup>									
Female									
All regions:									
Metropolitan counties:									
Large central . . . . .	810.1	779.4	727.4	780.5	743.6	694.9	999.8	1,000.9	958.0
Large fringe . . . . .	772.4	733.4	710.4	766.0	725.3	704.4	936.5	918.5	887.7
Small . . . . .	769.7	744.4	737.5	751.2	724.7	721.6	999.0	983.2	941.2
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	769.0	752.9	767.0	752.9	736.0	753.8	1,003.2	996.6	961.1
Without a city of 10,000 or more . .	762.0	749.8	767.3	743.9	730.3	752.4	960.1	967.1	923.6
Northeast:									
Metropolitan counties:									
Large central . . . . .	842.2	808.5	736.2	810.5	769.4	711.5	983.7	972.0	858.3
Large fringe . . . . .	788.0	737.6	697.2	783.7	732.2	697.0	915.7	876.3	785.6
Small . . . . .	778.6	734.7	717.7	772.3	726.9	711.7	961.5	917.8	866.3
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	802.8	748.3	748.3	802.1	748.2	749.8	1,016.6	856.5	749.7
Without a city of 10,000 or more . .	787.3	751.7	744.2	786.9	751.2	744.0	1,044.1	917.1	977.4
Midwest:									
Metropolitan counties:									
Large central . . . . .	840.8	814.9	781.4	797.4	760.6	724.2	1,015.2	1,018.8	992.7
Large fringe . . . . .	783.8	747.7	733.9	775.8	738.1	723.3	1,008.7	982.6	1,021.1
Small . . . . .	764.6	737.8	732.9	753.6	724.5	719.7	982.4	976.9	962.6
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	737.1	718.3	730.4	734.1	714.4	727.3	973.9	975.1	901.4
Without a city of 10,000 or more . .	712.0	699.0	708.7	708.4	693.7	704.4	1,030.4	1,097.8	878.7
South:									
Metropolitan counties:									
Large central . . . . .	808.3	782.4	758.1	750.1	713.2	682.1	1,028.4	1,031.9	1,063.4
Large fringe . . . . .	753.5	726.6	722.4	739.7	710.7	708.2	923.3	917.6	903.7
Small . . . . .	778.3	758.7	757.5	742.5	722.5	727.8	1,007.8	992.6	952.8
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	798.2	793.4	819.2	761.4	757.5	791.8	1,007.8	1,001.0	975.0
Without a city of 10,000 or more . .	796.1	789.5	816.8	768.0	759.9	798.9	958.1	964.6	925.4
West:									
Metropolitan counties:									
Large central . . . . .	759.1	731.4	668.5	760.9	732.2	674.8	942.5	964.5	898.1
Large fringe . . . . .	733.9	706.1	675.6	736.9	707.2	679.7	935.6	973.0	920.6
Small . . . . .	730.6	720.7	707.1	735.2	725.7	718.6	953.8	946.5	825.1
Nonmetropolitan counties:									
With a city of 10,000 or more . . . .	734.7	728.7	730.6	735.8	727.9	735.2	889.6	995.7	#
Without a city of 10,000 or more . .	738.1	719.0	727.3	731.6	713.6	720.0	*	*	#

# Estimates of death rates for the black population in nonmetropolitan counties in the West in 1997–99 are substantially lower than expected, possibly due to anomalies in population estimates for the black population in nonmetropolitan counties in this region.

\* Data for groups with population under 5,000 in the middle year of a 3-year period are considered unreliable and are not shown.

<sup>1</sup>Urbanization levels are for county of residence of decedent. See Appendix II, Urbanization for definition of urbanization levels.

<sup>2</sup>Average annual death rate.

NOTES: Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment. Denominators for rates are population estimates for the middle year of each 3-year period multiplied by 3.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Compressed Mortality File.

This table will be updated with 2000 data on the web. Go to [www.cdc.gov/nchs/hus.htm](http://www.cdc.gov/nchs/hus.htm).